

DPD-1318-59

15 May 1959

MEMORANDUM FOR : DEPUTY DIRECTOR (PLANS)

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SUBJECT : [REDACTED]

1. On 13 May 1959, a meeting was held at project headquarters to discuss the progress of the [REDACTED] program. Each of the several project offices, G-1, the [REDACTED] were represented. The meeting was designed to discuss the work accomplished to date; to fix areas of administrative responsibility; and to determine the estimated cost and time schedule of the program.

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2. The fabrication of the electronic package has not progressed on schedule due to the lack of availability of component parts. [REDACTED] does not foresee any hope to meet the delivery date of 15 May 1959. A closer approximation of the date of arrival of the electronic package to [REDACTED] is 1 June 1959. This slippage will not be all lost time, however, since part of the time will be used for camera geodetic calibration and system antenna studies. A small amount of component testing may be possible during this period. [REDACTED] estimates the completion of flight test to occur in the third week in June. It must be noted, however, that this estimate is based on a philosophy that is not shared by other members of the ELINT community. [REDACTED] believes that the electronic package need only demonstrate the ability to detect and record the proper type of signal to be considered successful. The opposing opinion is that due to the new technical approach; the importance of the program; and the sensitivity of mission area; the system must prove beyond doubt the capability to measure the characteristics of a known radar set to the desired and required accuracy prior to operation against an unknown radar set. There is no way, at this time, to judge how long a flight test program would be required to fulfill this prerequisite.

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3. Although some problems of coordination and responsibility are not defined or assigned, many areas of such program management and support were levied as follows:

a. [REDACTED]. 22.

Overall responsibility for program management and control until the system is ready to deploy - submission of the request for Program approval - geodetic camera calibration - liaison with [REDACTED] program management personnel.

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- b. **DPD/OPES** Provide [REDACTED] with an Operational Concept for the mission.
- c. **DPD/CONTRACTS** Upon receipt of the approved "Proposal Approval," make necessary contractual agreements with [REDACTED] IC&G, and LAC.
- d. **DPD/MAT** Arrange for acquisition and delivery of GFE items necessary for support of the program.
- e. **DPD/COMMO** Assist DPD/MAT in obtaining specific items of equipment.
- f. **DPD/PERS** Arrange necessary personnel contractual agreements for overseas assignments.
- g. **DPD/COVER** Assist [REDACTED] as required in establishing suitable cover for the operational aspects of the program.
- h. **DPD/SECURITY** Overall program security - courier escort of mission take to the U.S.
- i. **OSI** Assist in readout and analysis as required.
- j. **LAC** Modify aircraft - install equipment
- k. [REDACTED] Develop, test, and employ electronic package in fulfillment of the mission assignment readout of take and analysis.
- l. **IC&G** Support of [REDACTED] as required.
- m. [REDACTED] Supply aircraft, crew, and maintenance to support test program - assume control of the program at the completion of the flight test phase.

4. No firm estimate of the time and cost of the program can be made at this time. At the meeting [REDACTED] submitted an estimate for the [REDACTED] portion of the monies through 30 June 1959. This estimate for wages, travel, equipment, etc. is approximately [REDACTED]. This does not include costs to be incurred by IBM and Lockheed, nor does it include the later costs of readout. No estimate can be made by Lockheed of the aircraft modification costs until such work has progressed further. [REDACTED] will submit by 22 May 1959 a revised cost estimate to include the readout requirements. At this time, only a gross approximation can be made to the total monies required. This estimate is [REDACTED]

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5. The time schedule for obtaining useful information has slipped. The estimate of time required to obtain data that can be applied directly to present or proposed programs is 1 November 1959. Even this estimate is based on the delivery date of 1 June 1959 to flight tests; deployment during the third week in June; and approximately three (3) to six (6) weeks of mission operation. If these latter three (3) phases slip three (3) to four (4) weeks total, no estimate can be made on time schedules due to the general lack of suitable flying conditions in the operational area subsequent to 1 September 1959.

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DPD/DEV. Branch

DPD:DD/DPD [redacted] [redacted]

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